

## Florissant Fossil Beds National Monument Vegetation Map Class for Duckweed Permanently Flooded Herbaceous Vegetation

The map class "[Duckweed Permanently Flooded Herbaceous Vegetation](#)" is composed of the following vegetation associations, each described separately:

- [Duckweed Permanently Flooded Herbaceous Vegetation](#)
- [Water Milfoil Herbaceous Vegetation](#)

Both of these associations occupy historic small livestock watering ponds that are formed behind dams constructed of gravel. They are located on Grape and Boulder creeks and their tributary drainages, and occur at the lowest elevations. Many of the dams are oversized for the drainages they occupy, and have a culvert or outlet gate to control water depth. Along Grape Creek, west of the Hornbek Homestead, beaver have constructed many dams and ponds. The deeper, standing water provides habitat for both rooted and floating aquatic vegetation. A few ponds become dry during the course of the summer season and may exist as barren flats, or may vegetate to a *Hordeum jubatum* herbaceous type.